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>From ???@??? Sat Apr 04 05:33:10 1998
Message-Id: <199804040632.AAA05930@sco.theporch.com>
Date: Sat, 4 Apr 1998 00:30:54 CST
Subject: BOATANCHORS digest 1998

BOATANCHORS Digest 1998

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- 3) Re: HV Power Supply Question
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by William Donzelli <william@ans.net>
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- 14) Matching xmtr for Halli SX-71
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by "Benjamin D. Hall" <kd5byb@WT.NET>
- 19) Odd Parts Needed

by ke8rn@juno.com (GEORGE J MISIC)
20) Re: TBX-2 is one cool radio
by Al Klase <skywaves@bw.webex.net>
21) Hallicrafters SR-75 Transceiver
by davidh@getnet.com
22) Re: Technical Radio LRR-6 found
by Ho4bart <Ho4bart@aol.com>
23) Tubes for SBE Transceivers
by ke8rn@juno.com (GEORGE J MISIC)

Date: Fri, 3 Apr 1998 11:52:31 -0500
From: "Charles S. Fitch, P.E." <FitchPE@compuserve.com>
Subject: Meter for a General Radio Audio Distortion Meter
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804031153_MC2-38E2-892@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

3 April 98

Hello Fellow Boat Anchor Lovers,

This is my first posting so please excuse my awkwardness.

Recently I acquired a General Radio Distortion and Noise Meter. It seems =
to
be complete and functional except for the front panel meter which is
essentially the display for a precision VTVM circuit.

The meter is one of those classic GR special curved top types. Most of
these, regardless of what device it was on, were a 250 MICRO amp DC mete=
r
movement.

Reportedly, GR used the same meter movement in many of its products just
changing the meter scale and related nomenclature as needed.

I will be happy with any meter that fits with the proper uamp movement. I=
can create my own scale artwork.

If you have one, please advise price and availability.

Thank you very much for your interest, time and trouble.

Charles S. Fitch, P.E.
W2IPI

Date: Fri, 3 Apr 1998 11:44:12 -0600
Message-Id: <199804031744.LAA01377@gv218.ih.lucent.com>
From: gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: R392

To: boatanchors@theporch.com

Congrats on finding one. They're not all that rare, but they're nice to have. Butt-ugly or cute, depending on your point of view. The insides are probably the most beautiful (and complex) radio you will ever see in a one-foot cube.

The R392 is a compact, watertight redesign of the R390 and as such delivers very good performance, with more-or-less digital tuning accuracy (and its knobs are somewhat easier to crank than the R390's or R390A's). Being watertight, the insides are usually pristine despite the outside condition (but DO take a look!).

Last I saw, good ones were available for \$150 or so -- a terrific bargain!

The hooker is you have to supply 28 VDC at about 2 - 3 Amps. The set is unique in using that on the filaments AND the plates!

One of the military connectors has male pins in it. With the right test clips, you can hit the ground, heat and plate (tie those together), and audio out. Someone else will tell you the pinouts, since my list is at home.

Fair Radio has the mating connector, but their catalogs imply that they sell it only with an R392 (but I need to call and ask).

You can get away with 24 or 25 VDC on the filaments, and apply a boosted 35 or so volts to the plate. Don't try AC on the filaments. Also check to see whether the audio output tube has been replaced with a factory-issue solid-state module -- my R392 has one and I consider it a plus, since the tube runs very hot.

Like any military radio, the audio is less than stellar, but it's pretty clean. It's a great little radio, and the only one I can leave on the basement floor where puddles form in the spring.

Devotees of Jane Fonda should be warned that the knobs and meter have radium glow-in-dark white paint markings. I can still see mine in pitch darkness after my eyes adapt -- it's eerie.

73, mike k aa9rg

Date: Fri, 3 Apr 1998 11:58:30 -0600
Message-Id: <199804031758.LAA01383@gv218.ih.lucent.com>
From: gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HV Power Supply Question

To: boatanchors@theporch.com

The original poster didn't say whether is supply was choke input or the more common cap input. If it's cap input, read on....

While pondering my Heath Warrior with the arcing choke, it occurred to me that in ths *choke-input* PS, it might be a good idea to add a small (say .001 mF) cap across the repaired/replaced choke as future insurance.

Every glitch or spike that comes down the power line will go thru your power xfmr and hit that choke input. I figure a small cap to ground will not affect the filtering 120 Hz (or its harmonics), but should conduct spikes to ground.

Can anyone see anything wrong with this idea, other than being sure to use a HV rated cap, say 5 KV? Note the Warrior's swinging choke is in the negative return from cetner tap to ground, so it sees only the pulsating-DC ripple voltage (but still manages to arc over!). I think some power line spike punched thru the insulation and got that arc started. COmments?

Tnx es 73, mike k aa9rg

From: "Ken Brookner" <brooknerk@acm.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Recapping question on SX28 and SP600
Date: Fri, 3 Apr 1998 10:14:22 -0800
Message-ID: <00a201bd5f2c\$53902fc0\$1014a8c0@winqat>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I know this has been discussed before, I'm just not sure how to find the = references (maybe someone can educate me on that too...). Sorry for the = repeat question.

I'm about to start recapping part of my SX-28 and all of the black = beauties in the SP-600. A. B. Bonds posted a fine article on getting to = the wax tubulars in the RF deck of the SX-28 and I'm looking for = comments on the preferred type of cap to replace these with. =20

On the SP-600, what is the preferred replacement for the black beauties? = Also, I'm wondering if there's a cap parts list already prepared that I = can access somewhere.

Thanks for the help!
kenb

Ken Brookner N5LPI/7
brooknerk@acm.org
kenb@qatrix.panther.net=20

Message-ID: <35252AE1.6680B3CF@pacbell.net>
Date: Fri, 03 Apr 1998 10:30:58 -0800
From: Doug Gordon <dmgordon@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: air dux Illumnitronic Engrg. data
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,
Any one have specs for "air dux" coil stock similar to B&W 3000 series?
SS of NE says air dux 516T is same as B&W 3007 16tpi, #20, 5/8"dia, 2"
long. Anyone have a 516T or air dux spec sheet to confirm? Also would
like a copy of spec sheet if possible and any history on this company.
Thanks for reading. 73, Doug K6AKK

From: MNHopkins <MNHopkins@aol.com>
Message-ID: <2404ea09.352531da@aol.com>
Date: Fri, 3 Apr 1998 14:00:39 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: AN/TSM-16?, TS 186 E/UP??, RBC???
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Fate filled my ancient van with militaria for offering at Dallas' First Saturday event tomorrow, but I am not a military person. The Lafayette HA-225 RX is more my speed, so can anyone tell me what to ask for some of this arcania?

AN/TSM-16 -- a frequency meter with nixie readout and many stashes of cables and such in its big old milspec travel case

TS 186 E/UP -- Another boxed frequency device with accessories marked late of the USS Barbell

Receiver CRV 46148, rack mount with separate p/s and non standard interface cable which looks like an RBC to me, if that is the one for 4-27 mc.

All this stuff works, but I would not know how to begin to test the RT-70 tank radio with p/s which is missing a connector or two. Any thoughts and /or enlightenments on these items will be welcome as I don't want to show up knowing nothing, which is my present situation.

73 de ab5L, Michael in Dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 3 Apr 1998 11:50:52 -0800 (PST)
From: Ray Mote <rmote@rain.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Collins Log Periodic Antenna
Message-ID: <Pine.SUN.3.96.980403114423.29973D-1000000@coyote.rain.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yep, they had a bunch of 'em in SAC. Saw 'em at the transmitter site out at Barksdale AFB, LA (HQ 2nd Air Force at the time). Site had 204-C (10KW) and 205-J (50KW) transmitters installed. Receiver site had three 50E-1 (autotune) receivers as well as KWT-6 transceivers. The transceivers were normally used as receivers, but could xmit if problems at tx site. All were used for air/ground comms. Additional KWT-6's were at rx site for use on point-to-point circuits. The "plumbing" (coax) at the transmitter site was *huge*! Typical installation on the log periodics was mast between two telephone poles, with rotator near the ground. Have seen two styles: (1) pair of LPA's joined at the tips and spaced out at back end; (2) large "box-boom" with "standard"-looking LPA elements. SAC sites at Barksdale used mostly the first version.

73.... Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

Date: Fri, 3 Apr 1998 16:40:45 -0500 (EST)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AN/TSM-16?, TS 186 E/UP??, RBC???
Message-Id: <Pine.GS0.3.96.980403162847.4933G-1000000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> TS 186 E/UP -- Another boxed frequency device with accessories marked late of
> the USS Barbell

I will have to look up information on this ship. So rarely can one pin
down where Navy BAs served...

> Reciever CRV 46148, rack mount with separate p/s and non standard interface
> cable which looks like an RBC to me, if that is the one for 4-27 mc.

RBBs and RBCs are great receivers, but unfortunately too big for most
people. If an RBB/RBC lover shows up at the fest, knowing what he is
getting into (130 pounds of radio and supply), I would think that he would
be happy to pay at least \$100 for one in average shape (no ham mods, but
the common Navy mods for the panadaptors are OK, decent paint and label,
works OK.). If you have the power cable, you could probably tack on an
extra \$30, as the things are getting quite rare.

Of course, if everyone is afraid of the beasts mass, you probably will not
get many great offers for it.

Speaking of hamfests, I missed Timonium because of a string of minor
disasters. Finelli tells me that a very old bit of IFF gear popped up (for
models BE and BF!). Did anyone rescue/purchase the thing, or am I going to
have to cry in my beer tonight?

William Donzelli
william@ans.net

From: n5off@w5ddl.aara.org
Date: Fri, 03 Apr 1998 22:12:05 UTC
Message-Id: <220380@w5ddl.aara.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Target Clocks

I saw some of the Navy lookalike clocks that Target had (Bobbi mentioned).

Close examination of the dial face makes me conclude that the face was scanned from an existing clock somewhere, perhaps a genuine Navy one.

They look very good (except they don't have the Navy labels).

73 Tom

Date: Fri, 3 Apr 1998 14:49:43 -0800 (PST)
From: "Richard A. George" <wa6jox@rain.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: fs 2 meter amp
Message-ID: <Pine.SUN.3.96.980403144803.21322E-1000000@coyote.rain.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale 2 meter amp uses a pair of 4cx350's less power supply has been modified for SSB use, appears to have been military at one time. Very nicely constructed. Tubes are brand new. \$350.00 and i will ship UPS conusa.

Message-Id: <3.0.5.32.19980403183348.007d4100@pop.pipeline.com>
Date: Fri, 03 Apr 1998 18:33:48 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: National RCD restoration starts today
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good evening firebottle fans!

Since I got a fair amount of positive feedback, (And not a single "Will you just shut up!") Last time I wrote about restoring one of my old Nationals; I thought I would introduce you to my latest project.

The CAA type RCD: An early NC-100 variant with 6E5 tuning eye, and a lot of interesting minor weird stuff about it. S/N 101, This radio arrived a few weeks ago, care of an almost local ham I met recently. It had been gathering dust for quite some time, when he kindly allowed me to give a new home. Only a small amount of money changed hands, barely covered his gas to drive it down here...
I think he just wanted it to find a good home. :-)

As delivered this one is in pretty poor shape. Lots of dirt, lots of rust, most wiring cracking apart, etc. etc. etc.
One roll of film later the disassembly started: Off came the front

panel for a clean up and repaint, out came the coil-catacomb for a repair of broken contacts. Off came all the transformers, IF cans, and choke. Followed by the filter caps, crystal filter, etc. During the disassembly, I took about 12 pages of notes, mainly about differences between the radio as found, and my NC-100 manual.

With the chassis down to tube sockets and passive components on terminal strips, into the dishwasher it went... (Wife is out of town... :-). About an hour ago it went into the Florida sun to finish drying... Lots cleaner and ready for the next major steps. All of the passives, both resistors and capacitors will be replaced later in the rebuild, so I'm not worried about water damage to them.

The tuning cap and gearbox assembly went into a bucket of solvent out in the driveway for 15 minutes, followed by a stint drying in the Florida sun after a thorough going over with a toothbrush. Got a ton of mung out of the gearbox, and a lot of crap off the tuning plates...

This raises the first conundrum: What to do with the main cap. The steel bars that hold it together and in alignment are quite rusty. I'm going to have to think about how to attack these.... I'm dreading trying to take the poor thing *completely* apart, but may have to, in order to get the rods blasted and re-plated.

The main power transformer and main filter choke sit with nice new grey paint drying as I type this... Tomorrow it's off to the local motorcycle shop for black wrinkle paint for the front panel. And a trip down to the local surplus parts emporium is going to be in order to round up wire in half a dozen colors. I'm going to rewire the radio from front to back, and use the same color codes National did.

A number of other parts and pieces will come out of my National junk boxes, including some much nicer knobs than it was wearing when it came in the door. The broken four pin speaker plug will be replaced with an AES socket for a type 80 tube. And I have a suitable P-P output transformer for it....

This raises yet another question: The original NC-100 speakers had 500 ohm field coils that were part of the B+ circuits... What should I use instead with the PM speaker I'm going to connect the radio to? Anybody have a decent idea what to use instead of a 500 ohm power resistor? I suspect a choke of some kind would both reduce the B+ ripple and reduce any hum in the audio. Have to think about this one also....

I think that will do it for tonight... I'm off to see how the

paint is doing, and puzzle over a few issues..... :-)

-Larry

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 3 Apr 1998 17:46:21 CST
Subject: Re: National RCD restoration starts today
Message-ID: <19980403.180754.3470.0.jackiv@juno.com>
From: jackiv@juno.com (John M Iverson)

Larry, how would you like a NOS tuning cap with the gearbox, kno knob. I have one here and was just getting ready to list it. Jack...
Jack Iverson K0EWU jackiv@juno.com

On Fri, 03 Apr 1998 18:33:48 +0000 "Lawrence R. Ware"
<lrware@pipeline.com> writes:
>Good evening firebottle fans!
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>
>-Larry
>
>

># Larry Ware
># Admirer, Collector, Restorer of National Radio Company
># receivers and other artifacts.
># Orlando, Florida
># lrware@pipeline.com
>
>

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Message-ID: <3525B87F.1E92@roanoke.infi.net>
Date: Fri, 03 Apr 1998 20:35:11 -0800
From: "David M. Nance" <dmnance@roanoke.infi.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTB Heath antenna tuner
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Santavicca wrote:

>
> Does anyone know if Heathkit ever made an antenna tune
> that matched the SB equipment line? I have an SB-401, SB-303,
> SB-200, and SB-610 . To add an antenna tuner that matched would be
> the final addition to this beautiful green lineup.
>
Ed,

Heath never made one but there is at least one around somewhere. About 25 years ago I built a 600 watt version of Lew McCoy's "ultimate transmatch" in a SB-600 speaker cabinet. I had an SB-100, HA-14 Kompact KW and SB-600 with it and it looked real nice. I sold it at the Winchester hamfest around 1974. I wonder if it's still around. It used a war surplus roller inductor assembly but I can't remember what it came off of.

I do have a suggestion and it's in my long range plan, also. Keep your eyes open for a Heath SA-2040 in poor cosmetic condition. (I wouldn't want to mess up a nice one). Then find a case from a junker SB100 series or SB300/400 series. Make up a new front panel in the wrinkle green, use some dry transfer letters to dress it up and you should be set.

Someone else has probably already done this. It would be interesting to

see. I hope to also make up a second one to match my Drake B-line station. I know Drake made two matching tuners but they don't have a roller inductor. And if it ain't got a roller inductor, I ain't interested.

73,

Dave - WB4SSE

dmnance@roanoke.infi.net

From: "Larry Johnson" <k5yf@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Matching xmtr for Halli SX-71
Date: Sat, 4 Apr 1998 03:22:41 +0100
Message-ID: <01bd5f70\$8b563320\$4215ecd0@k5yf>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, it looks like I'm about to become the proud owner of a Hallicrafters SX-71...it's in the mail, a gift so to speak. So now my curiosity is up. Checked the Hallicrafters bible and couldn't determine if there was any particular transmitter that might have had cohabitative relationship with this rcvr. So BA fans...was there a particular transmitter that might have naturally been paired with this rcvr? Thanks.

Larry Johnson, K5YF
Houston, Texas USA
e-mail: k5yf@wt.net

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <469ee922.3525af6a@aol.com>
Date: Fri, 3 Apr 1998 22:56:23 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: TBX-2 is one cool radio
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

curiosity lured me to run a PDR-27 across the face of my TBX-2 when i should have been attending to more pressing matters. anyway, hallelujah! just the usual background clicks! *no radium*, apparently.
it would be my semi educated guess that the radium overdose on the knobs and panel markings came in with the TBX-8. i don't believe the

-7 was built and maybe not the -6. The -8 with it's apparent combat-focused features (radium, breakin, blackface meters, maybe other things) seems to have been produced just in time to go right to the surplus sales unused, in most cases; while the earlier models were used thru out the war, based on the photos i have seen. the earlier models have a 5-tube receiver based on 2volt tubes and have a one (1) tube transmitter with type 8-3-7, in that splendid ECO circuit where the suppressor grid is keyed to cut off plate current for cw, or given audio voltage for AM.

as for that other radium bomb, the TBY, i believe only the TBY (no suffix) was without radium.

i actually had a QSL card from Radio Noumea in the So Pacific, heard on a TBX-8. i heard some piece of music and it sounded pretty good on the TBX's "hi-fi" one (1) 1600 kc/s IF, and wrote them for the song title. no title information came back, just a QSL card. (This is one of the infamous 'D. X. King's' techniques for getting QSL cards to boost one's count, if one is into that silly game.)

[TBX = US Navy (Marines) trans - rec for landing operations WW2, approx 2000 - 5000 kc/s, handcrank gen or vibrator supply powered;

TBY = US Navy backpack radio for (mainly) Marines combat operations, approx 25 - 80 Mc/s,

breakin = switches from trans to rec by mic pushbutton or action of telegraph key, as compared to having to manually throw a 'trans / rec' switch, which is a hassle in back&forth comms.]

hue

From: "Jerry" <jlee@ncia.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: New list member

Date: Fri, 3 Apr 1998 20:07:20 -0800

Message-ID: <000001bd5f7f\$2d87c600\$2f5360cc@jlee>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi everyone,

This is my first posting to the boatanchors list. I have been watching the mail and think it is a great place. I do have a question, that is what are the rules on buying and selling on the list? If I were to post that I was looking for something or had something to sell would this be ok?

Jerry

Message-ID: <3525B3ED.8CFDFC92@internettport.net>

Date: Fri, 03 Apr 1998 22:15:42 -0600

From: Bill Wilson <billo@internettpport.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Technical Radio LRR-6 found
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I went to the Friday night session of the Albertville, Al. hamfest and picked up a never before seen or heard of BA. A Technical Radio (not TMC) LRR-6 set. The front tag has a date of 1945, San Francisco, CA. The seller did not know too much about it, he said he restored it and cleaned it up. This is a heavy set with Arcturus tuning eye. I don't have the tube line-up (lots of metal tubes) yet but will get it on SAT. The radio has a flywheel tuning knob with two scale windows. The "TR" logo is silk-screened on the front.

Anyone have any knowledge of this set/company? I found nothing on it in the Moore's book (and this set does have a bfo, coverage from 530 to 16 MHZ) or Tom's Mil list.

Some other items spotted at the hamfest: Mint looking SX-62 with R-46 speaker \$290, Various smaller Nationals, Old home-brew 1920's transmitter \$250, HT-37 \$?.
The Saturday session should be much bigger with nice weather in the forecast.

Thanks,

Bill

Message-Id: <3.0.32.19980403224143.007e1900@mail.wt.net>
Date: Fri, 03 Apr 1998 22:41:48 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@WT.NET>
Subject: WTB: PS-8 power supply for SA-8b panadaptor
Cc: baswaplist@foothill.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings everyone...

About a year ago I obtained a neat panadaptor, made by Panoramic Products of Mount Vernon, NY. It is a model SA-8b, which may be the same/similar as a military IP-259/U. Unfortunately, it didn't come with the matching power supply, which one manual I have indicates was known by the nomenclature PS-8, or PS-8b according to other literature.

So, I'm hoping someone may have a panadaptor-less power supply that wants to join its friend in happy signal scanning...

I do have most of the parts I'd need to build a PS, but since the accelerating voltage for the CRT is referenced to the B+ transformer primary, I'd rather obtain an original than worry about the insulation breakdown in that transformer... (which, the more I think about it, the more I think I'm worrying over nothing)

At some time, it appears that Panoramic was attached to, bought out by, or was in cahoots with Singer. One handwritten note in my manual states:

9/27/55

???? [can't read writing] - If we are running these at R-388 IF of 500 kc why are we buying this model? Can we get one with out V1 1st mixer? [the V1 mixer up-converts the 455 kc input to 500 kc, for further processing] Should drop cost - call Sing [I'm assuming this is a reference to Singer] and see if they will run [approximately] 500 ea without V1 - I can change CLIN .005 to reflect new order for 500 more if cost is 5% less or more. [signed] Chuck

Anyways, neat reading... Apparently this was some sort of output that was buying as mass quantity of these panadaptors for use with 388's, I wonder if they were military procurement people? Interesting...

Thanks and 73,
Ben

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.
Located in Houston, Texas, USA.
e-mail: kd5byb@WT.net, web: ***down for refurbishment***
"An ye harm none, do what ye will."

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Odd Parts Needed
Message-ID: <19980404.001704.6639.0.KE8RN@juno.com>
From: ke8rn@juno.com (GEORGE J MISIC)
Date: Sat, 04 Apr 1998 00:21:43 EST

Hello all,

I just subscribed to the BA list about 10 days ago, and really enjoy it. I am in search of a few items for some of my collection of [lightweight] BAs:

Main tuning knob for SBE SB-33 [its blue!]

Main tuning knob for Mosely CM-1 [common black skirted knob]

Speaker for Mosely CM-1

Carrier oscillator crystal for Swan 250

500 KHz calibrator crystal for Swan 250

24 hour clock for HQ-180 [movement is bad in mine]

Final compartment cover for KWM-2 [this one is trying hard not to be a parts radio]

Also looking for a few favorite radios:

Clegg Venus transceiver

Clegg Zeus transmitter

Clegg Interceptor / Allbander receiver

Cleg Thor transceiver

I have duplicates from my stuff to trade. Thanks and 73.

George KE8RN

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Message-ID: <3525BAB3.AC277655@bw.webex.net>
Date: Fri, 03 Apr 1998 23:44:35 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TBX-2 is one cool radio
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hue and The Group,

As I mentioned a while ago, I too am working on an early TBX. Case is AWOL so I don't know which dash number it is. It was built by Garod and

has the 837-1C6-34's tube line up. I have it working pretty well, but could use a proper schematic. I have doc's for the 2E26 based set.

The two circular tuning dials, their pointer marks on the panel, and the pointers on the thumb-wheel tuning knob plates are radium painted. The rest of the panel and knobs are cold. I applied a couple of coats of clear lacquer to stabilize the mess.

73,
Al

Ho4bart wrote:

>
> curiosity lured me to run a PDR-27 across the face of my TBX-2
> when i should have been attending to more pressing matters.
> anyway, hallelujah! just the usual background clicks! *no radium*,
> apparently.
> it would be my semi educated guess that the radium overdose on the
> knobs and panel markings came in with the TBX-8. i don't believe the
> -7 was built and maybe not the -6. The -8 with it's apparent combat-
> focused features (radium, breakin, blackface meters, maybe other
> things) seems to have been produced just in time to go right to the
> surplus sales unused, in most cases; while the earlier models were
> used thru out the war, based on the photos i have seen. the earlier
> models have a 5-tube receiver based on 2volt tubes and have a
> one (1) tube transmitter with type 8-3-7, in that splendid ECO
> circuit where the suppressor grid is keyed to cut off plate current for
> cw, or given audio voltage for AM.
> as for that other radium bomb, the TBY, i believe only the TBY (no
> suffix) was without radium.
> i actually had a QSL card from Radio Noumea in the So Pacific, heard
> on a TBX-8. i heard some piece of music and it sounded pretty good
> on the TBX's "hi-fi" one (1) 1600 kc/s IF, and wrote them for the song
> title. no title information came back, just a QSL card. (This is one of
> the infamous 'D. X. King's' techniques for getting QSL cards to boost
> one's count, if one is into that silly game.)
> [TBX = US Navy (Marines) trans - rec for landing operations WW2,
> approx 2000 - 5000 kc/s, handcrank gen or vibrator supply powered;
> TBY = US Navy backpack radio for (mainly) Marines combat
> operations, approx 25 - 80 Mc/s,
> breakin = switches from trans to rec by mic pushbutton or action of
> telegraph key, as compared to having to manually throw a 'trans /
> rec' switch, which is a hassle in back&forth comms.]
> hue

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822

Web Page: <http://www.webex.net/~skywaves/home.htm>

From: davidh@getnet.com
Message-Id: <199804040600.XAA27083@getnet.com>
Subject: Hallicrafters SR-75 Transceiver
Date: Sat, 4 Apr 98 06:00:48 +0000
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

About five years ago one of my ham friends from our local DX club mentioned that he had a Hallicrafters SR-75. I vaguely had remembered seeing a picture of it in my 1951 handbook in the ads. This is an S-38 receiver with a low powered xtal controlled transmitter built inside. It looks like an S-38 from the front with the transmitter controls on the back. He also told me that had no desire to part with it as his father had bought it for his brother and him back in 1952.

Well at last night's club meeting, he handed me a box with the SR-75 in it and said enjoy it, I know it is going to a good home.

First of all, how rare are these units. Anyone know how many were made? I have only seen pictures of it in the handbook and in the Dachis book?

Second, does anyone have a schematic for this puppy?

73,

Dave N7RK

*

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

davidh@getnet.com \\\-//
 (o!o)

<http://www.getnet.com/~davidh>

-----oo00-(_) -00oo-----

-

E-Mail Address

My Home Page

Visit the Central Arizona DX Association Home page --- <http://cadxa.org>

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <45c3879e.3525d200@aol.com>
Date: Sat, 4 Apr 1998 01:23:58 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Technical Radio LRR-6 found
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-03 23:24:56 EST, billo@internettpport.net writes:

> Anyone have any knowledge of this set/company? I found nothing on it
> in the Moore's book (and this set does have a bfo, coverage from 530 to
> 16 MHZ) or Tom's Mil list.

---Ward Becht (deceased) of Burbank CA, well known seller of swell
radio sets in the late 1970s, sold one of these for \$75 in this period.
i decided it was intended as a military entertainment receiver so i
declined, altho if i had it to do it again, i would not do the same. i am
sure this is its intended role altho to me this seemed even more
"overbuilt" than the Scotts, with more styling, design,
and quality.

If you have the patience to wait up to 2-4 years i can get you a manual
copy. sorry, not likely to be sooner.

hue

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tubes for SBE Transceivers
Message-ID: <19980404.012430.10087.1.KE8RN@juno.com>
From: ke8rn@juno.com (GEORGE J MISIC)
Date: Sat, 04 Apr 1998 01:29:04 EST

Hello all,

If you have a lightweight BA, the SBE SB-33 or SB-34, new spare finals
can be had from Antique Electronic Supply in Arizona for a VERY
reasonable \$5.40 each. I bought a pair for my SB-33 [PL-500 / 27GB5] and
my SB-34 [EL-500 / 6GB5], and was delighted to find they are first

quality Philips / Amperex tubes. A bargain if you need them. As to 6 each 6JE6C for the SB-2LA linear, not so inexpensive [dip the final QUICKLY!!!]. 73.

George KE8RN

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

End of BOATANCHORS Digest 1998

>From ???@??? Sun Apr 05 03:23:48 1998
Message-Id: <199804050113.TAA04467@sco.theporch.com>
Date: Sat, 4 Apr 1998 19:12:28 CST
Subject: BOATANCHORS digest 1999

BOATANCHORS Digest 1999

Topics covered in this issue include:

- 1) Re: zm-30/u bridge
by Henry van Cleef <vancleef@netcom.com>
- 2) info needed on Geloso rig
by "Steve Hill" <SHILL@onaustralia.com.au>
- 3) WTB BC-375
by J P Taillebois <jpt1@idirect.com>
- 4) Re: New list member
by John Dilks <oldradio@worldnet.att.net>
- 5) Re: info needed on Geloso rig
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 6) Clegg Thor 6 Manual needed
by Allen Tucholski <allent@en.com>
- 7) Re: Technical Radio LRR-6 found
by Bill Riches <richesb@algorithms.com>
- 8) KWM1/516F-1 HOT STUFF
by lardiere@ix.netcom.com (Rocco Lardiere)
- 9) TEST SET-AN/URM-90 (ZM-30/U)
by k5pgw@linknet.net
- 10) WTB Tubes
by k5pgw@linknet.net
- 11) WTD:INFO NATIONAL 200 TRANSCEIVER
by "Greg Heath-kb2qqm" <kb2qqm@email.msn.com>

- 12) Hallicrafters 'T0' Keyer Manual?
by Jack Harper <jharper@bs2000.com>
- 13) Going Off BA for awhile
by arc5@ix.netcom.com
- 14) Re: KWM1/516F-1 HOT STUFF
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 15) Re: KWM1/516F-1 HOT STUFF
by Bill Hawkins <bill@iaxs.net>
- 16) R-392 IF Output
by "Christopher A. Bowne" <radiobwn@riconnect.com>
- 17) heath HD-1 FS
by "Lawrence R. Ware" <lrware@pipeline.com>
- 18) NOS National CIR-6 sockets
by "Lawrence R. Ware" <lrware@pipeline.com>
- 19) Re: R-392 IF Output
by provero@connix.com
- 20) BA or not BA
by BEN NOCK <G4BXD@compuserve.com>
- 21) Sweeping Hardline
by George Humphrey <gah@koyote.com>
- 22) Re: NOS National CIR-6 sockets
by "Merv Schweigert" <k9fd@htc.net>
- 23) items for sale
by KG9IL <KG9IL@aol.com>
- 24) Re: BOATANCHORS digest 1998
by Jderm740 <Jderm740@aol.com>
- 25) six meters
by "Jerry" <jlee@ncia.com>
- 26) WTB MANUALS
by ni4q@juno.com (Alvin J Bernard)
- 27) Info wanted for Heathkit Model GR-64 Receiver
by "Larry Johnson" <k5yf@wt.net>
- 28) WTB: Command Sets Book
by Brian Bjerkelund <brianbj@compuserve.com>
- 29) Re: Technical Radio LRR-6 found
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 30) RAYTHEON TUBES
by "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
- 31) FS: Drake C-4 Station Console
by Bill Wilson <billo@internettpport.net>
- 32) Airdux Data
by Jderm740 <Jderm740@aol.com>
- 33) Help with Heath SB-102
by Robert Norgard <kl7fm@yahoo.com>
- 34) Fwd: TBX-2 is one cool radio
by Ho4bart <Ho4bart@aol.com>

From: Henry van Cleef <vancleef@netcom.com>
Message-Id: <199804040736.XAA04724@netcom17.netcom.com>
Subject: Re: zm-30/u bridge
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 4 Apr 1998 00:36:51 -0700 (MST)
Cc: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

As k5pgw@linknet.net discourses

>
> Have ZM-30/U Bridge made by crescent Communications, serial #209. Need
> operations and maintenance manual if available. Have you used this bridge,
> if so what does it do well. Please tell me about it. Thanks a bunch, 73,
> John King, K5PGW

>
Well, if it is anything like my 1936 ZM-4B/U, it is a fairly precise Wheatstone bridge, which may be connected to measure resistance, or for Varley or Murray loop tests to find shorted wiring in telephone/telegraph circuits. I would assume that it has a bunch of knobs (four digits of resistance), a multiplier, a galvanometer, three galvanometer push keys of varying sensitivity, and an internal battery pack, connections for an external battery, and some function switches to switch it between plain bridge and Varley/Murray tests. Telcos used to buy these in wood cases in large quantities, and they all had instructions on operation inside the cover. Any text on electrical measurements covers this type of device and its use.

To measure resistances, find the "unknown" terminals, connect the resistor, and set the controls for ohms (generally obvious from control legends). Set the multiplier to an appropriate value, and push the least sensitive galvanometer key. Balance the bridge with the knobs, and use higher sensitivity to home in when you get close. Be careful not to slam the galvanometer, although they are made with shorting contacts to protect them (i.e., current is shorted out across galvanometer when needle reaches end of travel in either direction). Good for measuring low resistances, and very accurate. Much less expensive than the fancy Guildline and Leeds and Northrup boxes found in cal labs, and very utilitarian in their layout.

--

=====
Hank van Cleef
=====

From: "Steve Hill" <SHILL@onaustralia.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: info needed on Geloso rig
Date: Sat, 4 Apr 1998 19:58:45 +1000
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-Id: <10035569362357@onaustralia.com.au>

Hi Gang,

A friend of mine recently aquired a Geloso rig, and is
after any info about. In particular he is after manuals,
but any technical or historical info will be useful

The Reciever is a G4/216
transmitter is a G4/225
Power supply is G4/226

Thanks

Steve Hill VK4CZT
<SHILL@onaustralia.com.au>
<<http://www.users.bigpond.com/SHILL>>
39 Banbury St.
Carina. 4152.
Brisbane. Australia.

Date: Sat, 4 Apr 1998 07:11:44 -0500 (EST)
Message-Id: <199804041211.HAA10700@nexus.idirect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: J P Taillebois <jpt1@idirect.com>
Subject: WTB BC-375

Hi,

I have been looking for a BC-375 for several months.
Found some but always to far away for shipping into Canada.

I will be at Dayton and could pick up.

Thanks

73

From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: info needed on Geloso rig
Date: Sat, 4 Apr 1998 15:18:50 +0200
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

> A friend of mine recently aquired a Geloso rig, and is
> after any info about. In particular he is after manuals,
> but any technical or historical info will be useful
>
> The Reciever is a G4/216
> transmitter is a G4/225
> Power supply is G4/226
> Steve Hill VK4CZT

This was a very popular combination in Europe in the 60Ys. Made in Italy by
a very well known
microphone manufacturer (Geloso).
Plento of them were around and I would suspect somebody in Italy should be
able to help.
Try one of the Italian Web.pages if no response here.

73 Rag OZ8RO

Message-Id: <2.2.32.19980404140831.00a0a60c@en.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 04 Apr 1998 09:08:31 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Allen Tucholski <allent@en.com>
Subject: Clegg Thor 6 Manual needed

Hello all,

Looking for a copy of the Clegg Thor 6 transceiver, Instruction / alignment
manual.
Will pay for copying and postage.

Thanks,
Allen

Message-ID: <35263D0D.40B@algorithms.com>
Date: Sat, 04 Apr 1998 09:00:45 -0500
From: Bill Riches <richesb@algorithms.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Technical Radio LRR-6 found
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Wilson wrote:

>
> Greetings,
>
> I went to the Friday night session of the Albertville, Al. hamfest
> and picked up a never before seen or heard of BA. A Technical Radio
> (not TMC) LRR-6 set. The front tag has a date of 1945, San Francisco,
> CA. The seller did not know too much about it, he said he restored it
> and cleaned it up. This is a heavy set with Arcturus tuning eye. I
> don't have the tube line-up (lots of metal tubes) yet but will get it
> on SAT. The radio has a flywheel tuning knob with two scale windows.
> The "TR" logo is silk-screened on the front.
> Anyone have any knowledge of this set/company? I found nothing on it
> Hi Bill - I may have the companion transmitter to your receiver. I have
restored a Techinal Radio Company (TEKRAD) T-350XM transmitter and am using it on
40m. It is a neat 700 pound transmitter using a pair of 813's modulated by a pair
of 805's. Puts out about 350 watts. Eventually I will have an article on its
restoration in ER. In another file I have some other owners of T350's that I will
pass along to you when I find them. They may be able to shed some light on the
history of your receiver.

73,

Bill Riches, WA2DVU
Cape May, NJ

Date: Sat, 4 Apr 1998 08:13:21 -0600 (CST)
Message-Id: <199804041413.IAA11724@dfw-ix8.ix.netcom.com>
From: lardiere@ix.netcom.com (Rocco Lardiere)
Subject: KWM1/516F-1 HOT STUFF
To: Old Tube Radios <boatanchors@theporch.com>

To All,

Yikes! Having dug several bugs out of my newly acquired KWM-1/516F-1,
I am stumped by one last problem - the power supply gets too hot! I
burned my finger on the power supply chassis with the case off while

running some " burn-in" tests on the transceiver. Found C5 (0.05 mF) to be shorted, which resulted in 1.2 kV B+, because the L2 choke was being shorted out. (BTW, read a 516F-2 manual if you want to understand why Collins placed that cap across the choke.)

After I replaced C5 in the 516F-1, the plate voltage for receive load came down to approx 980 V @ 122 VAC, which is what comes out of the wall plugs around here. I tried a Variac to place 115 VAC on the power supply (recommended input voltage). Still - the ps chassis gets way too hot during receive - mostly due to the 20-25 W generated by the 50K bleeder resistor and the LV bleeder.

I note that Collins moved the bleeders up on top of the chassis in a little perforated heat cage in the 516F-2 redesign, so they knew they had a thermal problem with the 516F-1.

Anyone out there with any ideas? I worry about scorch marks on my desk with the thing as it is. Could use a fan, but that's a little silly. How about a lower value bleeder?

73,
Rocco Lardiere N6KN

From: k5pgw@linknet.net
Message-Id: <3.0.5.16.19980404150040.22df572e@popalex1.linknet.net>
Date: Sat, 04 Apr 1998 15:00:40
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TEST SET-AN/URM-90 (ZM-30/U)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yesterday I posted a query about the ZM-30/U and have now found the tag on case which says TEST SET-URM/-90. It appears to be a LCR bridge. I need operation and maintenance manuals for the jewel. Do you use one? What use? How accurate are the measurements? Can you help me get to know this darling better? I would sure appreciate your help. Thanks in advance, John King, K5PGW

From: k5pgw@linknet.net
Message-Id: <3.0.5.16.19980404153351.1daf931a@popalex1.linknet.net>
Date: Sat, 04 Apr 1998 15:33:51
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB Tubes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looking for good tubes for my Heath test equipment:
6AF4, 6AV5, 12AU7, 0B2, 12AT7, 12AX7, 6CL6, 6CB6, 6AW8, 6C4, 6X4
New or used ok so long as very good tubes. Going in Rf and Sine/Square wave
signal generators and Audio analyzer. Please reply directly to me. Don't
clutter up the reflector, please!! Thanks, John King, K5PGW

From: "Greg Heath-kb2qqm" <kb2qqm@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD:INFO NATIONAL 200 TRANSCEIVER
Date: Sat, 4 Apr 1998 10:34:24 -0500
Message-ID: <01c135040150448UPIMSSMTPUSR02@email.msn.com>

hi, I am having a NATIONAL 200 TRXCVR refurbished, and the person is having
difficulty with the xtal oscillator. 80,40,20M seem to work fine, but 15M
is dead. Has anyone had any experience with this rig. It was produced in
the early 1960's I believe. Any help is appreciated. Greg kb2qqm

Message-Id: <3.0.1.32.19980404090827.00d52050@teal.csn.net>
Date: Sat, 04 Apr 1998 09:08:27 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bs2000.com>
Subject: Hallicrafters 'T0' Keyer Manual?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently bought a Hallicrafters 'T0' Keyer (Hooray) -- does anyone have
an original manual that they might be willing to part with?

Regards

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-277-1892

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Golden, Colorado USA

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From: arc5@ix.netcom.com

Date: Sat, 4 Apr 1998 10:38:47 -0600 (CST)
To: Old Tube Radios <boatanchors@theporch.com>
Message-Id: <199844103814719169@>
Subject: Going Off BA for awhile
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My backlog of email that needs replies has always been unruly.
Now it's completely unmanageable. I'll be suspending my BA
participation until I have a handle on it.

See ya soon.
73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-Id: <v03102802b14c09e5aaf3@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 4 Apr 1998 12:10:09 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: KWM1/516F-1 HOT STUFF
Cc: boatanchors@theporch.com

>
>Anyone out there with any ideas? I worry about scorch marks on my desk
>with the thing as it is. Could use a fan, but that's a little silly.
>How about a lower value bleeder?
>
>73,
>Rocco Lardiere N6KN

Hi Rocco,

My KWM-1 power supply gets warm, but certainly isn't hot enough to scorch
the desk. From the sound of your problem, I'd guess a bleeder resistor has
changed value and is running too hot. However, if I'm right, then the
bleeder would have drifted to a lower value, not a higher value. The power
dissipated in the resistor is equal to the voltage squared divided by the
resistance. Thus, the lower the resistance, the greater the heat
dissipated. In any case, you shouldn't replace the bleeder with anything
other than the specified value.

When restoring my 516F-1, I found that one of the bleeder resistors had
opened up. Fortunately, exact replacements can be obtained from Newark
Electronics, and possibly from Mouser Electronics as well.

There's no need to relocate the bleeder resistors if the power supply is working properly. In fact, I would strongly discourage your doing so, since you'd only harm the collector value of the power supply. You can rest assured that the Collins engineers designed the 516F-1 properly.

73,

Jim Garland W8ZR

Date: Sat, 4 Apr 1998 11:18:21 -0600 (CST)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199804041718.LAA03779@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: KWM1/516F-1 HOT STUFF

>From: lardiere@ix.netcom.com (Rocco Lardiere)
>
> (BTW, read a 516F-2 manual if you want to
>understand why Collins placed that cap across the choke.)

Could anyone out there with a 516F-2 manual please tell us what it says about that capacitor across the choke?

Regards,
Bill Hawkins

Message-ID: <01BD5FC3.EC7390A0@mys15.riconnect.com>
From: "Christopher A. Bowne" <radiobwn@riconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R-392 IF Output
Date: Sat, 4 Apr 1998 12:19:29 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Just tried looking at the IF output of my R-392 (from the front panel = jack) with an O scope, to see how it would work as a modulation monitor = for received signals. At first i was disappointed - the trace looked = asymmetrical - only the upper half of the waveform, with a hard flat = cutoff on the bottom. Another member of the Old Military Radio Net = commented that he had a similar experience with his 392. A while later, = I noted that I could get a symmetrical trace by lowering the RF gain, = resulting in on lower signal levels through the IF chain. When looking = at sine wave like signals such as CHU, the high amplitude signal output = almost looks like its a full wave rectified RF signal output, without LP = filtering to remove the RF component of the waveform. =20

I don't have a manual/schematic for the beast to figure the reason for =
this performance. Considering that the IF output was provided to drive =
a TTY converter, is it the case that the signal at the jack has been =
passed through some sort of limiter, which is causing the apparent =
rectification at high signal levels?=20

73,

Chris Bowne, AJ1G
Stonington, CT
radiobwn@ricconnect.com

Message-Id: <3.0.5.32.19980404133211.0081b830@pop.pipeline.com>
Date: Sat, 04 Apr 1998 13:32:11 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: heath HD-1 FS
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

one Heathkit HD-1 distortion analyzer...
Seen at Skycraft surplus this morning, \$20 as is.
looks pretty good.
Give them a call at 407-628-5634

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Message-Id: <3.0.5.32.19980404134906.00816390@pop.pipeline.com>
Date: Sat, 04 Apr 1998 13:49:06 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: NOS National CIR-6 sockets
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Someone asked for these a while back.... and now I've found some. :-)
NOS National CIR-6 ceramic tube sockets.
These are correct for pre octal HRO's and other early Nationals.
Raw socket only: \$3 each will get them a new home.
-Larry

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

From: provero@connix.com
Message-Id: <199804041849.NAA05679@comet.connix.com>
Date: Sat, 04 Apr 98 13:47:15 -0500
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: R-392 IF Output

Maybe the bias on the IF cathode follower has drifted?

Or the AGC isn't adjusted properly, allowing final
IF stage or cathode follower to get overloaded.

Any audio distortion on strong signals (AM mode) ?

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

Date: Sat, 4 Apr 1998 14:17:10 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: BA or not BA
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804041417_MC2-38FC-D589@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Not quite a military set but then again, not all BA's are, hi.
(can always paint the case green if need be)

FT-200, working, all valve, one of the better old Jap sets,
no psu though hence 60 UKP.

collect or postage extra

Ben G4BXD

Message-Id: <1.5.4.32.19980404192243.009131d0@mail.koyote.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 04 Apr 1998 13:22:43 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: George Humphrey <gah@koyote.com>
Subject: Sweeping Hardline

BAers,

I picked up some hardline that has taken a lightening strike.
Other than some good connectors I would like to see if any
of the line is still good. I don't own one of the high priced
coax sweepers they use at work, and would like to know if
there is a poor man's way to sweep this hardline.

Thanks for your inputs

73s George KC5WBV
gah@koyote.com
"I wish I didn't know now
what I didn't know then"

From: "Merv Schweigert" <k9fd@htc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NOS National CIR-6 sockets
Date: Sat, 4 Apr 1998 14:24:39 -0600
Message-ID: <01bd6007\$b15028a0\$87ee1cce@k9fd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>NOS National CIR-6 ceramic tube sockets.
>These are correct for pre octal HRO's and other early Nationals.
>Raw socket only: \$3 each will get them a new home.

Larry, will take 2 or 3 of them if you have enough to spare.
Thanks 73 Merv K9FD

From: KG9IL <KG9IL@aol.com>

Message-ID: <6fbfb5ec.35268d22@aol.com>
Date: Sat, 4 Apr 1998 14:42:24 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: items for sale
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all,

Have the following items for sale. Shipping from 60067

Heath SA-2040 tuner w/o balun, manual copy VGC \$110 + shipping

Heath SA 2040 tuner, manual copy, VGC \$140 + shipping

I have two Heath HM-2140 dual swr/power meters, GC scratches on cases but not on panel \$40 each + shipping

Drake R-4, T-4X, MS-4, AC-4 front panels VGC, cabinets repainted with correct paint...look good but not perfect. Chassis has some rust, but not bad.....manual copies \$275 + shipping

Looking for VGC or better R-46 a/b to match my SX-100

THANKS and 73 de Kevin KG9IL

From: Jderm740 <Jderm740@aol.com>
Message-ID: <5598201f.35269118@aol.com>
Date: Sat, 4 Apr 1998 14:59:18 EST
To: Old Tube Radios <boatanchors@theporch.com>
Cc: dmrgordon@pacbell.net
Mime-Version: 1.0
Subject: Re: BOATANCHORS digest 1998
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Doug

I can send you a copy of the Airdux Engineering data. Just send me your address.

Jack Jderm740@aol.com

From: "Jerry" <jlee@ncia.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: six meters
Date: Sat, 4 Apr 1998 12:30:39 -0800
Message-ID: <000101bd6008\$89aa82e0\$5d5360cc@jlee>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi list,
Thanks for the info on buying and selling on the list. What I need is a six meter AM receiver to use with an ameco TX-62 that I just got. Or maybe trade the ameco for some kind of six meter AM transceiver. There is a group here (Seattle area) that gets on six meter AM and I would like to join them.
Thank you
Jerry

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 4 Apr 1998 15:27:35 -0500
Subject: WTB MANUALS
Message-ID: <19980404.152744.6630.5.ni4q@juno.com>
From: ni4q@juno.com (Alvin J Bernard)

Need manuals (copies fine) for three "goodies" picked up at recent Stuart (FL) Hamfest (good little swapfest):

Heath B-1 Balun Coil
Eldico AT-1 "Antennascope"
Waters 331 "Little Dipper"

AL, NI4Q

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Or call Juno at (800) 654-JUNO [654-5866]

From: "Larry Johnson" <k5yf@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Info wanted for Heathkit Model GR-64 Receiver
Date: Sat, 4 Apr 1998 22:37:26 +0100
Message-ID: <01bd6011\$dc71d4c0\$2215ecd0@k5yf>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm posting this for Jacob Tennant, KB8QIR, who is looking for any information regarding copy of the schematics, owners manual, or suggested modifications for the Heathkit Model GR-64 Receiver. If you have any info or can be of assistance, please feel free to respond to him directly at kb8qir@juno.com . Please don't send it to me or the reflector.

Thanks es 73 de Larry

Larry Johnson, K5YF
Houston, Texas USA
e-mail: k5yf@wt.net

Date: Sat, 4 Apr 1998 16:55:20 -0500
From: Brian Bjerkelund <brianbj@compuserve.com>
Subject: WTB: Command Sets Book
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804041655_MC2-38FC-51F6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi Gang:

Have acquired an ARC-5 transmitter.....converted, of course. This is a very nice job of an external PS and a few mods to a 3-4 Mc unit by a now SK. Obviously, this was done by a real craftsman and I would like to get his rig on the air again.

I'm looking for a book named "Command Sets" which covered many conversions done on these, to help me back-engineer what was and was not modified.

Anyone have a copy I can buy, beg, borrow or steal?

Thanks and 73,

Brian, K7AIS

Date: Sat, 4 Apr 1998 14:14:02 -0800
Message-Id: <2.2.16.19980404142909.382f0d78@eitel.eimac.cpii.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: Re: Technical Radio LRR-6 found

Bill

The LRR 6 was ment to be used as a entertainment radio on board ships or at least thats what I recall. I have either a LRR5 or 6 , it's been so long since I last looked at it I can't remember. I have a manual on the LRR 6 that I would be happy to copy for you. My set came with a shock mount and a large metal enclosure housing a speaker. The gentleman who ran Technical Radio way back when is , I understand , still alive and well living in San Francisco. When I get home I will root around for the manual and anything else I can find related to T R.

Regards
Paul N6FEG

At 10:15 PM 4/3/98 -0600, you wrote:

> I went to the Friday night session of the Albertville, Al. hamfest
>and picked up a never before seen or heard of BA. A Technical Radio
>(not TMC) LRR-6 set. The front tag has a date of 1945, San Francisco,
>CA.
> This is a heavy set with Arcturus tuning eye. I
>don't have the tube line-up (lots of metal tubes) yet but will get it
>on SAT. The radio has a flywheel tuning knob with two scale windows.

Paul Thekan - Speaking for Himself
Paul.Thekan@eimac.cpii.com

Date: Sat, 4 Apr 1998 18:11:23 -0500
From: "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
Subject: RAYTHEON TUBES
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804041811_MC2-38FC-E18B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Group,

Didn't someone on here mention a set (maybe it was the Stancor) that used=

RK-33's (1642) or RK-34's? I just came across several of both NOSB, and they don't fit any of my green or black sets. =

73, Robert W. Downs, WA5CAB
RWDowns_WA5CAB@compuserve.com
Houston, TX

Message-ID: <3526C133.192EE930@internettpport.net>
Date: Sat, 04 Apr 1998 17:24:36 -0600
From: Bill Wilson <billo@internettpport.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Drake C-4 Station Console
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Drake C-4 station console and remote power strip. Unit performs many functions: rotor control, antenna switching, 10 min. ID timer light, phone patch, 2000/200 watt lighted watt meter, 12 volt supply and several other functions. The bad part is that someone took the original clock out and installed a LED clock which does not work right at this time. The antenna switch box is included but needs to be rebuilt from being outside for some time. Cabinet has light scuff marks, front panel is VG but a couple of very small scratches.

No reasonable offer refused, I'm not sure of the value due to the clock being removed.

Thanks,

Bill
W4BIZ
Jacksonville, Al.

From: Jderm740 <Jderm740@aol.com>
Message-ID: <ac362dc9.3526d372@aol.com>
Date: Sat, 4 Apr 1998 19:42:24 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Airdux Data
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all

I have received other requests for the Air Dux Engineering Data. I'll hold the offer open until 11 April to give all interested parties a chance. Then I'll make the copies and ship.

Jack McDermott Jderm740@aol.com

Message-ID: <19980405004609.29300.rocketmail@send1b.yahoomail.com>
Date: Sat, 4 Apr 1998 16:46:09 -0800 (PST)
From: Robert Norgard <kl7fm@yahoo.com>
Subject: Help with Heath SB-102
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Looking for help with a strange problem with a Heath SB-102.

On strong signals of S-9 or more, the audio is distorted with what I would call "hum modulation". On weak signals, they are crystal clear. This is with the RF gain at max.

All signals exhibit the same "hum" when the RF gain is reduced.

With no antenna connected and the RF gain at minimum, AF gain at minimum, there is only the barest perceptable hum in the speaker. Only a little hum with the volume control at 1/2.

Power supply has been re-capped. All electrolytics in the SB-102 have been replaced. Same symptoms with re-built power supply and a power supply with 20 year old caps. Both power supplies are model HP-23B.

It's been so long since I've really used an SB-102 that I don't even know if this is typical of them. Reports of transmit audio have been very good, and viewed through a scope also appear clean.

Any suggestions? Comments?

Thanks,

Bob - KL7FM

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <34bfa2de.3526da3f@aol.com>
Date: Sat, 4 Apr 1998 20:11:25 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Fwd: TBX-2 is one cool radio
Content-type: multipart/mixed;
boundary="part0_891738685_boundary"

This is a multi-part message in MIME format.

--part0_891738685_boundary
Content-ID: <0_891738685@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

In a telegram to me, WSN019 wired:

> I have one absolutely brand new in the shipping chest,
> with ALL PARTS AND SPARES!!, bought many yrs ago from the
> Shelby N.C. hamfest it was built for the U.S. Coast Guard and
> so states on the 2 manuals in the Chest lid. All label plates indicate
> U.S.C.G. It is a TBX-8 and has the black dials but no radiation from
> this beautiful piece of art work!

---this is very interesting! i am surprised the USCG had their own label on this. apparently the radium dials and meter pointer were deemed unnecessary for noncombat operation. i believe had the USCG simply used the exact same issue set as the Navy, the set would have retained the USN nameplate. i'm thinking of examples such as RA-1, ARC-5, and ART-13 where there was no special USCG label, and some other less common radios (apparently) used only by the USCG that had USCG nameplates. without the radium, the TBX-8 would be enuff different to be specially labelled, as it could be considered not ready for all the same roles (night use in combat operations.)

> I guess this begs the questions: Why none on a USCG TBX-8?.....
> What was the USCG needing a TBX for? (I know they were
> combatant during WW11).

---emergency use might be one use. also, the TBX-8 manual does show how to build a wooden shelf to use it in a small boat, called a 'whaleboat' i believe. i don't know what might be the role of such a boat and setup tho.

---btw, the earlier TBX's are less elaborate to be sure: manual T/ R switching and only 3 tube types thru out, where the TBX-8 has 6

types. (i think i like more the earlier model, i like the row of type
34 tubes with their nice simple 4-pin base, and the radical simplicity
of the 1-tube transmitter.)
hue

--part0_891738685_boundary
Content-ID: <0_891738685@inet_out.mail.aol.com.2>
Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

From: WSN019 <WSN019@aol.com>
Return-path: <WSN019@aol.com>
To: Ho4bart@aol.com
Subject: Re: TBX-2 is one cool radio
Date: Sat, 4 Apr 1998 08:58:25 EST
Organization: AOL (<http://www.aol.com>)
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Glad ya havin' fun with tha' TBX. Curiously, I have one absolutely brand new
in the shipping chest, with ALL PARTS AND SPARES!!, bought many yrs ago from
the Shelby N.C. hamfest it was built fer the U.S. Coast Guard and so
states on the 2 manuals in the Chest lid. All label plates indicate U.S.C.G.
It is a TBX-8 and has the black dials but no radiation from this beautiful
piece of art work!

I guess this begs the questions: Why none on a USCG TBX-8?.....What was the
USCG needing a TBX for? (I know they were combatant during WW11).

O'h by the bye.....don't forget the Gas Genny and the Motor Generators for
PSU's also.

I also checked my TBO. No radiation either.....

These and other mysteries of the universe.....TeeGee

--part0_891738685_boundary--

End of BOATANCHORS Digest 1999
